

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/104317 A1

(51) International Patent Classification⁷: C08K 3/34, 3/36

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/NO03/00166,

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 22 May 2003 (22.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20022708 7 June 2002 (07.06.2002) NO

(71) Applicant (*for all designated States except US*): **ELKEM ASA** [NO/NO]; Hoffsvien 65B, N-0377 Oslo (NO).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **SCHMAUCKS, Gerd** [DE/NO]; Dvalås 43, Ålo, N-4640 Søgne (NO).

(74) Agent: **VINDENES, Magne**; Elkem ASA Patent Department, P.O. Box 8040, Vågsbygd, N-4675 Kristiansand (NO).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 03/104317 A1

(54) Title: ELASTOMERIC RESIN COMPOSITIONS

(57) Abstract: The present invention relates to elastomeric compounds having a high filler content additionally containing 1 to 400 % by weight of resin of microsilica as a modifier to improve the processability. Thereafter, the invention relates to a method for production of elastomeric compounds having a high filler content, wherein microsilica is added to the elastomeric compounds in an amount of 1 to 400 % by weight of resin as a modifier to improve processability.